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Docket No.: 21776-00055-US  
(PATENT)

#9/AmDT  
B(NE)  
7/2/03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Toru NAGAI et al.

Conf. No.

Application No.: 09/695,232

Group Art Unit: 1775

Filed: October 25, 2000

Examiner: A. Sperty

For: CERAMIC COMPOSITION, COMPOSITE  
MATERIAL, COMPOSITE MATERIAL  
PRODUCTION METHOD, POROUS BODY,  
OXYGEN SEPARATOR, AND CHEMICAL  
REACTOR

**AMENDMENT AND RESPONSE UNDER 37 CFR 1.116**

**Box AF**  
Commissioner for Patents  
Washington, DC 20231

Dear Sir:

In response to the final Office Action dated December 31, 2002 (Paper No. 6), please  
amend the application as follows:

**In the Claims**

Please cancel claim 38.

Please amend claims 13, 14, 19, 20, 22, 24, 35, 41 and 42 to read as follows.

13. (Twice Amended) A composite material comprising a porous body portion  
comprising a mixed conducting oxide, and a film portion including a dense continuous layer of a  
mixed conducting oxide formed on said porous body portion, wherein

said porous body portion comprises a ceramic composition as a mixed conducting oxide  
in perovskite structure, said composition being expressed by the following general formula (1):



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AK#  
1775

PTO/SB/21 (05-03)

Approved for use through 04/30/2003. OMB 0651-0061

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/695,232
	Filing Date	October 25, 2000
	First Named Inventor	Toru Nagai et al.
	Art Unit	1775
	Examiner Name	A. Sperty
Total Number of Pages in This Submission	Attorney Docket Number	21776-00055-US

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input checked="" type="checkbox"/> Amendment/Reply  <input checked="" type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input checked="" type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input checked="" type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	CONNOLLY BOVE LODGE & HUTZ LLP Joseph Barrera - 44,522
Signature	
Date	June 26, 2003